

CLAIMS

1. A heat conductive seat with liquid therein, said conductive seat has a recessed box like base as a main body thereof, a lid is provided to cover said base adapted to mounting
5 thereon a heat sink, said base is sealed therein with liquid; said conductive seat is characterized by that:

said base is fixedly provided therein with a plurality of strip members, said strip members are strip-like structure portions with their sections wider in the middles and tapering
10 to the top and bottom ends thereof; said strip members are mutually parallelly provided in a bottom area of said base, a plurality of flow channels are formed from said strip members on the bottom of said strip members and are mutually spaced; a return area is formed between said top ends of said strip members
15 and said lid; when the bottom of said base contacts with a heat-generating source, said liquid sealed in said base and absorbing latent heat from said heat-generating source becomes a vapor flow flowing toward said return area and condenses by heat discharging into liquid and drops into said flow channels
20 to repeatedly circulate and transmit said heat, thereby a heat source formed from said heat-generating source is rapidly transmitted.

2. The heat conductive seat with liquid therein as in claim 1, wherein:

25 said strip members arranged in said bottom area in said base

are in the form of metallic wires with round sections.

3. The heat conductive seat with liquid therein as in claim 1, wherein:

5 said strip members arranged in said bottom area in said base are integrally formed in said bottom area in the form structurally of strips with round sections.

4. The heat conductive seat with liquid therein as in claim 1, wherein: said strip members arranged in said bottom area in said base are integrally formed in said bottom area in the form
10 of strips with arrow shaped sections.

5. The heat conductive seat with liquid therein as in claim 1, wherein: said strip members arranged in said bottom area in said base are integrally formed in said bottom area in the form of strips with spearhead shaped sections.

15 6. The heat conductive seat with liquid therein as in claim 1, wherein: recesses are provided at the positions along said strip members arranged in said bottom area of said base to form a function of positioning for said strip members.

7. The improved heat sink structure as in claim 1, wherein:
20 recesses are provided between the positions of said strip members arranged in said bottom area of said base to increase action of guiding flow of said liquid.

8. The heat conductive seat with liquid therein as in claim 1, wherein: said lid of said heat conductive seat is integrally
25 formed with said heat sink in order that said heat conductive

seat and said heat sink are combined structurally.

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